



CCiCap SPACEX

Space Exploration Technologies (SpaceX) of Hawthorne, Calif., will receive up to \$440 million during NASA's Commercial Crew Integrated Capability (CCiCap) initiative for its crewed Dragon spacecraft and Falcon 9 rocket combination. The next-generation Falcon rocket will feature the company's Merlin1D engine to provide greater lift capability to support the heavier weight of an astronaut crew plus cargo.

The uncrewed version of Dragon made history in mid-2012 as the first commercially built spacecraft to rendezvous and then berth with the International Space Station.

SpaceX's mission control will be at its headquarters facility in Hawthorne, while launches will take place from Space Launch Complex-40 at Cape Canaveral Air Force Station in Florida. The company is working to outfit its Dragon capsule with the capability to land on dry land, rather than the ocean's corrosive salt water.

During the previous partnership with NASA's Commercial Crew Program, the company provided details about its side-mounted launch abort system that will employ SuperDraco engines as well as conceptual modifications to its launch pads to support crewed missions. The company also outlined crew living arrangements in its capsule, such as environmental control and life support equipment, initial displays and controls.

